

# 12<sup>th</sup> Annual Blood Matters 2022

## Virtual Conference: November 18, 2022

### Free transfusion focused education day

As an accredited provider, Dalhousie University Continuing Professional Development and Medical Education, designates this continuing professional development activity for up to 4.75 credit hours as an accredited group learning Section 1 activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at

<https://edhub.ama-assn.org/pages/applications>.

To register/participate via the live webcast use the following URL:

<https://bloodmatters.can.chime.live/>



<b>09:00 - 09:05</b>	Opening Remarks	Emily Durant
<b>09:05 - 09:40</b>	Building Agility and Resilience in the Blood Supply Chain	Andrea Moore
<b>09:40 - 10:15</b>	Choice of Fluid, More Than an Afterthought	Dr. Chong-How 'Edmund' Tan
<b>10:15 - 10:30</b>	<b>HEALTH BREAK</b>	
<b>10:30 - 11:05</b>	Putting Data to Work	Michael Farrell
<b>11:05 - 11:40</b>	The Power of Genomics in Transfusion Medicine	Dr. Celina Montemayor-Garcia
<b>11:40 - 12:15</b>	Don't Hold Your Breath: The Pulmonary Complications of Transfusion	Dr. Thane Kubik
<b>12:15 - 13:00</b>	<b>LUNCH</b>	
<b>13:00 - 13:35</b>	Current Understanding of the Relationship between Blood Donor Variability and Blood Component Quality	Dr. Narges Hadesfandiari
<b>13:35 - 14:10</b>	Making Cord Blood Great Again	Dr. Sandra Cohen
<b>14:10 - 14:45</b>	Peddling Promise? An analysis of private umbilical cord blood banking company websites in Canada	Alessandro Marcon
<b>14:45 - 15:00</b>	Closing Remarks	Emily Durant

*Educationally approved/co-sponsored by Dalhousie University Continuing Professional Development and Medical Education*

**Andrea Moore** works at the Canadian Blood Services and is responsible for the production, distribution and logistics operations in Ontario and Atlantic Canada. That means overseeing quality, effectiveness and efficiency of the transportation and production of blood products, and the fulfillment of hospital orders for blood products and plasma and plasma-related products that go to patients across the country. Andrea is responsible for over 450 employees, working across seven locations, processing approximately 57% of the blood collections in Canada (excluding Quebec), and servicing 215 hospitals across 5 provinces and the Territory of Nunavut. She loves every minute of her job. Andrea is a first-generation immigrant who, along with her parents and brother, left Brazil in search of an opportunity to make an honest living through hard work and dedication in Canada. She graduated from McMaster University with a degree in Chemical Engineering and a desire to make a difference to peoples' lives. Andrea had work experiences in several industries and has learned that her two passions are developing people and continuously improving processes. She has said that her current role at Canadian Blood Services meets all criteria she has ever looked for in a job. In her spare time Andrea likes going on hikes with her family and two dogs, gardening, and watching movies. Before the pandemic she might have included travelling as one of my favorite activities, and while it's hard to remember what that is like these days, she hopes to some day get back to seeing more of the world.

**Dr. Chong-How 'Edmund' Tan** practices anesthesiology and critical care medicine at the QEII Health Sciences Centre. During his critical care residency, he also completed additional training in point-of-care ultrasound, and has been certified by the National Board of Echocardiography in Advanced Perioperative Transesophageal Echocardiography. He is currently the co-chair of research and runs the Point of care ultrasound resident training program in critical care.

**Michael Farrell** is a member of the Nova Scotia Provincial Blood Coordinating team. He has over 15 years of experience working as a laboratory professional. Transfusion medicine education and research has always been a central part of his career. In his current role, he develops best practice guidelines, performs data analysis, and leads working groups for Transfusion Medicine in Nova Scotia. Additionally, he locums in remote laboratories in northern Canada working the bench and helping with the development of transfusion operating procedures. In practically every moment of his spare time you'll find him outside.

**Dr. Celina Montemayor-Garcia** earned her MD degree in Monterrey, Mexico, and she holds a PhD in Molecular and Cellular Biology from Baylor College of Medicine, USA. She is board-certified in Anatomic Pathology, Clinical Pathology, and Blood Banking/Transfusion Medicine by the American Board of Pathology. She completed her clinical and research Transfusion Medicine fellowship at the US National Institutes of Health (NIH) in 2017, and she subsequently joined the NIH Clinical Center staff as an Assistant Clinical Investigator in the Department of Transfusion Medicine. Dr. Montemayor joined Canadian Blood Services' staff in August 2020. Dr. Montemayor's main clinical and research interest is the application of genomics and bioinformatics into the field of immunohematology. She is an elected member of the AABB Board of Directors, and has presented her research at various Canadian and international forums.

**Dr. Thane Kubik** is a final year general pathology resident at the University of Calgary. His areas of interest include transfusion medicine, cellular therapy and apheresis. Upon completing residency, he will be doing a transfusion medicine fellowship at the Mayo Clinic in Rochester, Minnesota. Thane is appreciative of his many mentors among the medical and technical staff in TM. Post-fellowship, he is excited to return to be part of the Canadian TM community.

**Dr. Narges Hadjesfandiari** is a research associate in Dr. Dana Devine's lab at the Centre for Innovation of Canadian Blood Services. She currently holds an adjunct professor position with the Department of Pathology, University of British Columbia (UBC), where she teaches Histochemistry. She received her Ph.D. from the UBC Department of Chemistry in 2017 and her Pharm.D. degree from Tehran University of Medical Sciences in Iran. She is interested in studying the factors affecting red cell concentrates quality as well as the interaction of blood components with biomaterials.

**Dr. Sandra Cohen** is a highly effective clinician researcher and associate professor who is involved in many clinical protocols in hematology/bone marrow transplantation. She has received a number of research grants in the area of cord blood stem cell expansion, including from the Canadian Institutes of Health Research (CIHR), the Canadian Cancer Society Research Institute (CCSRI), and the Stem Cell Network (SCN). She is regularly invited to speak or give oral presentations at scientific conferences.

**Alessandro Marcon (Sandro)** is a Senior Research Associate at the University of Alberta's Health Law Institute, where his research has focused on the creation and dissemination of health and science information. He has led and contributed to research projects exploring how various media have portrayed and discussed key health and science policy issues related to genetics, stem cell research and therapies, alternative health therapies, breastfeeding, vaccination, donation and transplantation, health-related marketing, and the COVID-19 pandemic. Of particular interest is the intersection of experts, scientific processes, the general public, and online media platforms. His work has been published in numerous academic journals and presented at national and international conferences. Sandro holds an M.A. in Applied Linguistics and Discourse Studies with a Specialization in Digital Humanities from Carleton University. While struggling to maintain a good level of Spanish, he would love to become more proficient in French as well as other languages like Python or HTML.